

Datasheet for ABIN1944772
anti-GSTM4 antibody (N-Term)[Go to Product page](#)

3 Images

4 Publications

Overview

Quantity:	400 µL
Target:	GSTM4
Binding Specificity:	AA 16-50, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GSTM4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GSTM4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 16-50 amino acids from the N-terminal region of human GSTM4.
Clone:	RB47524
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pr, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GSTM4
Alternative Name:	GSTM4 (GSTM4 Products)

Target Details

Background:	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Active on 1- chloro-2,4-dinitrobenzene.
Molecular Weight:	25561
Gene ID:	2948
UniProt:	Q03013

Application Details

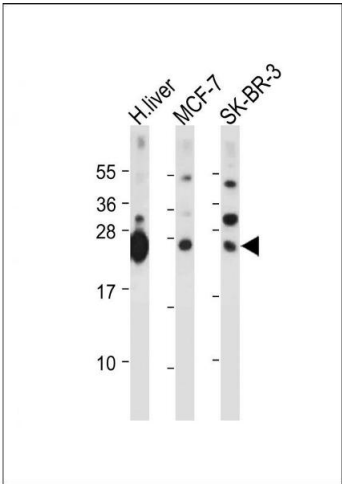
Application Notes:	WB: 1:1000. WB: 1:1000. WB: 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Expiry Date:	6 months

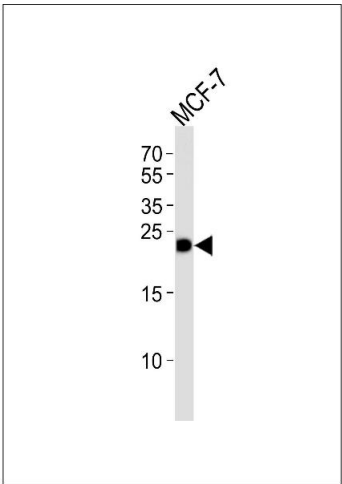
Publications

Product cited in:	<p>Yang, Purdy, Marzluff, Dominski: "Characterization of 3'hExo, a 3' exonuclease specifically interacting with the 3' end of histone mRNA." in: The Journal of biological chemistry, Vol. 281, Issue 41, pp. 30447-54, (2006) (PubMed).</p> <p>Kennedy, Wang, Ruvkun: "A conserved siRNA-degrading RNase negatively regulates RNA interference in C. elegans." in: Nature, Vol. 427, Issue 6975, pp. 645-9, (2004) (PubMed).</p>
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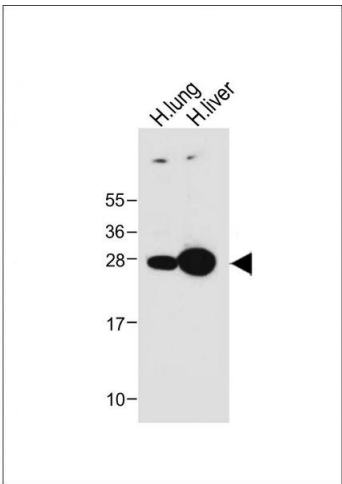
Western Blotting

Image 1. All lanes : Anti-GSTM4 Antibody (N-term) at 1:2000 dilution Lane 1: Human liver tissue lysate Lane 2: MCF-7 whole cell lysate Lane 3: SK-BR-3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 26 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 2. Western blot analysis of lysate from MCF-7 cell line, using GSTM4 Antibody (N-term) (ABIN1944772 and ABIN2838515). (ABIN1944772 and ABIN2838515) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.



Western Blotting

Image 3. All lanes : Anti-GSTM4 Antibody (N-term) at 1:1000 dilution Lane 1: Human lung tissue lysate Lane 2: Human liver tissue lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 26 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.